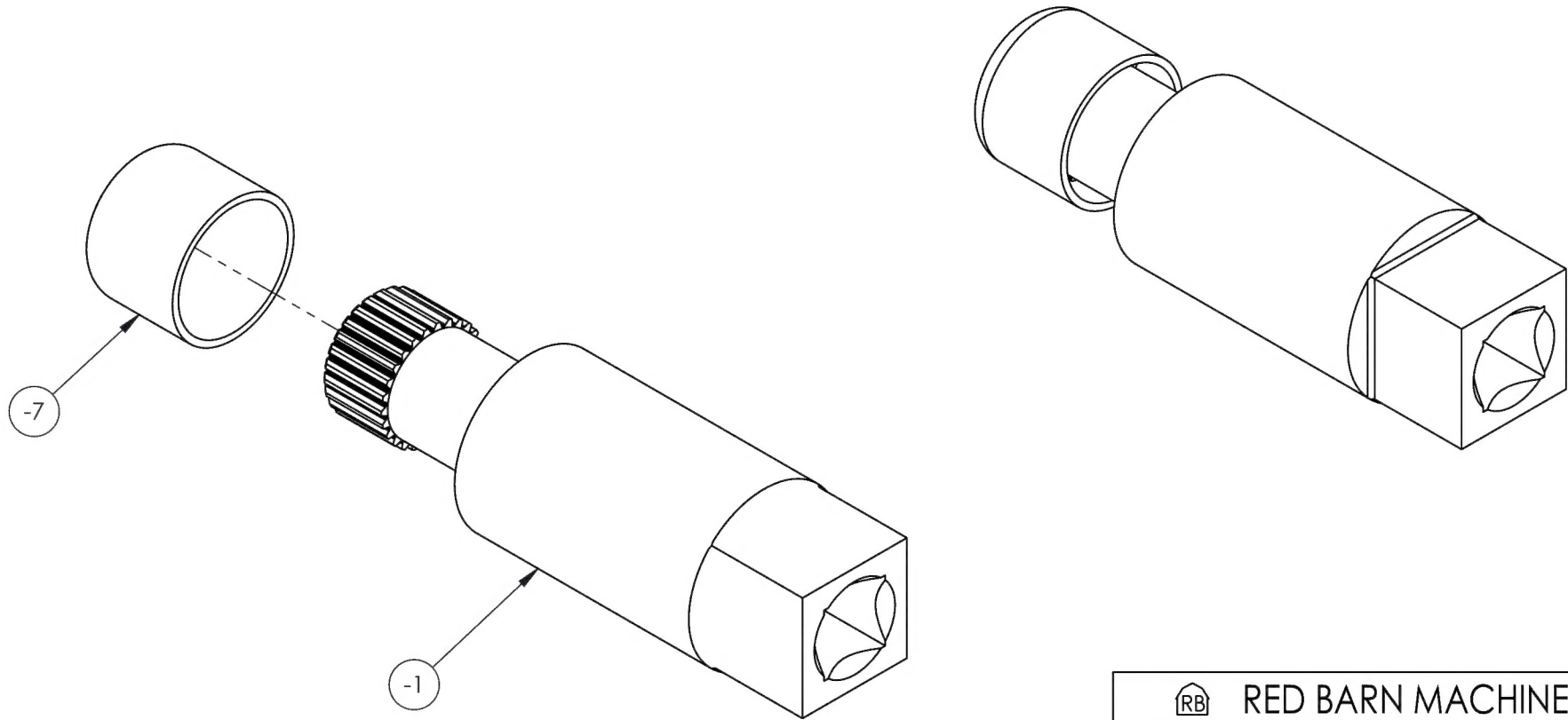


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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	ADDED -7 CAP, SHT 3 ADDED ENGRAVE NOTE, SHT 4 ADDED REF DIMENSIONS	1/17/2012	JAG	
2	-3 CHANGED DIM (WAS .71 IS .659) AND ADDED FIT TOL, -5 CHANGED DIM(WAS .77 IS .66) ADDED FIT TOL.	1/3/2013	BIM	GE
3	CH'D -1 BACK TO ORIGINAL DESIGN, ADDED CENTER HOLE & FLATS ON THE END, DELETED -3 & -5.	11/4/2013	JAG	DW

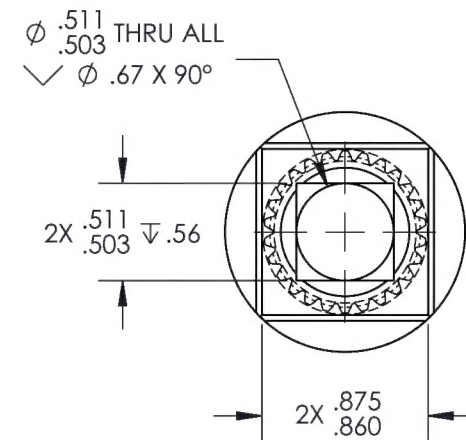
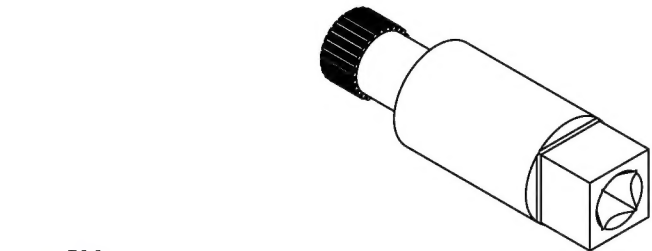
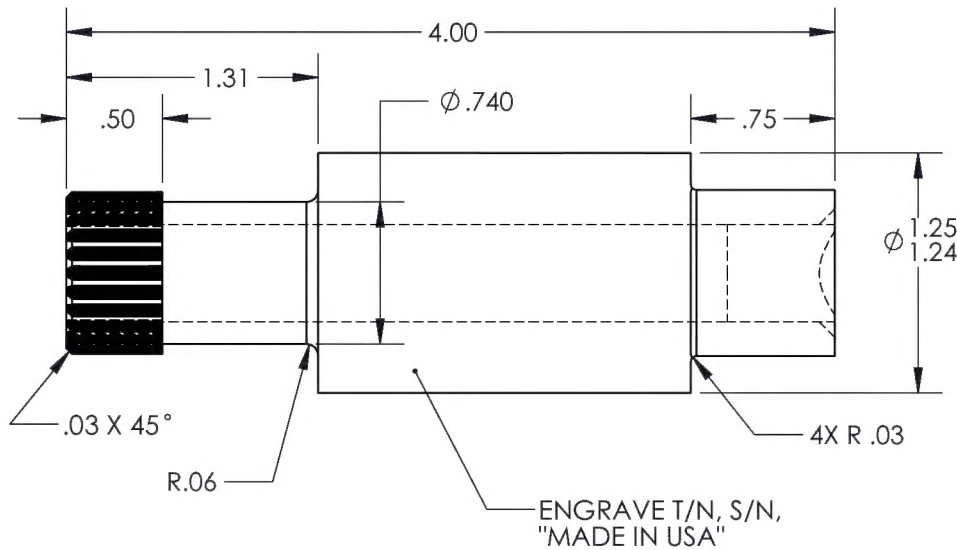


ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-1	1	SPLINED SHAFT	4140 Q & T	Ø 1-1/4 X 4-1/8	2
		B/O	-7	1	CAP	VINYL	MCMaster-CARR #9753K57	1

RED BARN MACHINE	
TITLE HOLDER-COMPRESSOR ROTOR SPLINED	
DWG NO. RB6889891	REV 3
MAT'L	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/32 .XX ± .02 ANGLES ± 1° .X ± .1	APPROVED <i>D Weil</i>
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	HEAT TREAT
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	FINISH
SCALE 1:1	SPEC
DATE 1/20/2011	USED ON MODEL
	RR 250
	SHEET 1 OF 2

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	ADDED ENGRAVE NOTE	1/17/2012	JAG	
2	CHANGED DIM(WAS .71 IS .659) ADDED FIT TOL	1/3/2013	BIM	GE
3	CH'D -1 BACK TO ORIGNAL DESIGN, ADDED CENTER HOLE & FLATS ON THE END, DELETED -3 & -5.	11/4/2013	JAG	DW



(-1)

SPLINED SHAFT

SPLINE DATA	
NO. OF TEETH	26
PITCH	32/64
PRESSURE ANGLE	30°
BASE CIRCLE DIA	.703646 REF
MINOR DIA.	.757
FORM DIA.	.778
PITCH DIA.	.8125
MAJOR DIA.	.828 - .844
TOOTH TIP BREAK	.005 MAX
DIM. OVER TWO ϕ .060 PINS	.9014 - .9034
ARC TOOTH THICKNESS AT P.D.	.0414 - .0464

RED BARN MACHINE			
TITLE HOLDER-COMPRESSOR ROTOR SPLINED			
DWG NO.	RB6889891-1		REV 3
MAT'L 4140 Q & T	DRAWN BY: GILBERT		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		APPROVED <i>D Weil</i>	
.XXX \pm .010	FRACTIONS \pm 1/32	HEAT TREAT	
.XX \pm .02	ANGLES \pm 1°	FINISH	BLACK OXIDE
.X \pm .1		SPEC	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R		USED ON MODEL	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING		RR 250	
SCALE 1:1	DATE 1/20/2011	SHEET 2 OF 2	